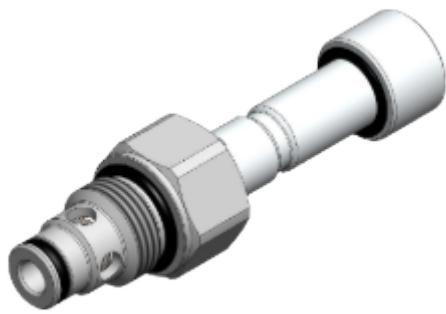


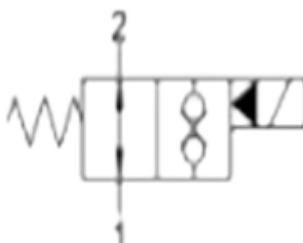
WINMAN WVY0.S08 Serisi Solenoid Valfler / WVY0.S08 Series Solenoid Valves



Açıklama / Description

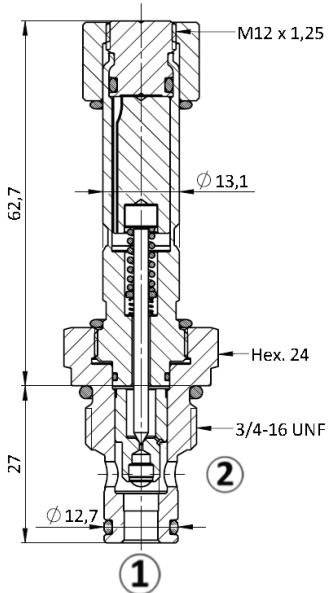
Solenoid operated, 2-way 2-positions, normally open, piloted poppet type, screw-in cartridge valve. Typically used as a blocking or load holding device for high pressure circuits. When the coil is de-energized, the WVY0. S08 allows flow from 2 to 1, while flow from 1 to 2 is severely restricted. When the coil is energized the valve closes, blocking flow from 1 to 2 from 2 to 1. In this mode, flow from 1 to 2 is allowed once the pressure overcomes the force of the solenoid. The rigid design using a 1-piece body contributes to minimize the effect of eccentricities in cavity and provides great reliability. Low pressure drop thanks to optimized flow path.

Sembol / Symbol



SAE Cartridge - 350 bar
NO Single Lock Pilot Operated
Poppet Type

Enine Kesit / Cross Section

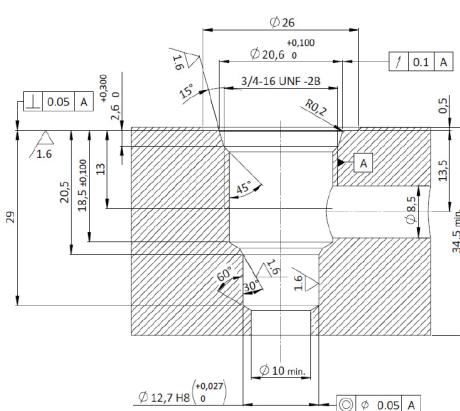


Teknik Özellikler / Technical Features

All external surfaces are zinc plated and corrosion-proof. All valve parts are made of high strength steel. Poppet is hardened and ground to ensure minimal wear and extended service life. Coil seals protect the solenoid system. Manual override option. Industry SAE common cavity. It replaces the previous WVY0-S08.

Bosluk Detayları / Cavity Details

SAF08



WINMAN WVY0.S08 Serisi Solenoid Valfler / WVY0.S08 Series Solenoid Valves

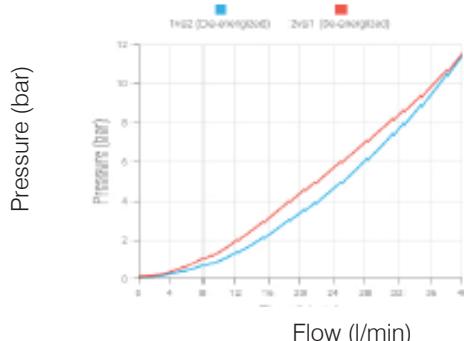
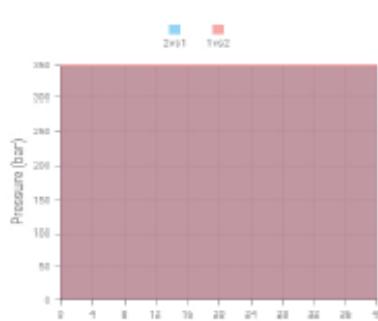
Teknik Veri / Technical Data

Maximum operating pressure	350 bar
Maximum flow	40 l/min
Maximum internal leakage	0,25 cm ³ /min @ 350 bar
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
Switch ON Time	100 ms
Switch OFF Time	50 ms
O-ring Temperature Range	-30 °C to 110 °C (standard sealing NBR - BUNA - N) -35 °C to 140 °C - HNBR - Upon customer request -23 °C to 225 °C - FKM - Upon customer request
Oil Temperature Range	-30 °C to 110 °C
Fluids	Mineral - based or synthetics with lubricating properties
Viscosities	7,4 to 420 cSt
Minimum pull-in voltage	85% of nominal
Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
Orientation	No restrictions 
Installation torque	40 -45 Nm (Hex. 24)
Oil testing condition	ISO VG 46 cSt
Seal kit code	SK.030 and SK.027 (coil)
Coil	18W (for more details see page X)
Weight	0,124 kg

Performans Detayları / Performance Details

Note: The performance chart illustrates flow handling capacity 2 to 1 (de-energized).
p/Q curves are recorded a Toil = 40°C and 46 cSt.

Performance Limits



Sipariş Kodu / Ordering Code

NOTE Solenoid valves are designed to work with D.C. current supply, for A.C. a RAC coil and connector with rectifier must be used.		NOTE Customized nut can be selected	
W	V	Y	0
VALVE BASIC CODE 0= Standard, S= Inductive position switch upon request	S	0	8
SIZE	0	*	*
MARKING 0 = Standard factory marking. Customized marking can be done upon request.		FILTRATION	
Code	Other available options	Model code	Type of filter
S08	3/4-16 UNF with Ø12,7 nose size	H	Standard filter (mesh size 280 µm)
		N	No filter
NOTE Customized filters can be done upon request.			
MANUAL OVERRIDE			
Model code	Type of override		
0	No override		
2	Push and Twist		
3	Push pin		
4	Push knob		
8	Screw		

Note: All Solenoid cartridge valves listed in the present catalogue are designed to work with D.C. power supply. To work with A.C. power supply, a RAC coil and connector with rectifier must be used. For any additional information, please contact your Sales contact representative.